

**ADDENDUM NUMBER:** Addendum - Two

**PROJECT TITLE:** Penthouse and Light Court Parapet Repairs  
Milwaukee County Safety Building  
Site Number: 240  
Building Number: 30  
821 West State Street  
Milwaukee, Wisconsin 53233

**PROJECT NUMBER:** O114-11433

**DATE OF ADDENDUM:** August 14, 2012

This Addendum to the Contract Documents is issued to modify, explain or correct the original Documents, Dated July 12, 2012, and is hereby made part of the Contract Documents. Acknowledge receipt of this addendum in the space provided on the Bid Form, or bid may be rejected.

#### DRAWINGS

Sheet A3.02: SOUTH PENTHOUSE-EAST ELEVATION

- Revise the two renovation notes on Detail 3 – South Penthouse East Elevation, 3-11 to 3-10.

#### SPECIFICATIONS

Document 00 40 00 – BID FORM; COMMENCEMENT AND COMPLETION OF CONTRACT WORK

- Revised to:  
The undersigned agrees, if signatory to the Contract, to commence work upon receipt of Notice-to-Proceed and achieve Substantial Completion of the Work (Base Bid) by within 120 calendar days after beginning the on site construction Work.

Section 08 51 13 – ALUMINUM WINDOWS; Paragraph, 3.3 Field Quality Control; Revise Sub-Paragraph A:

- A. Inspection to monitor quality of installation and glazing.  
Omit Sub-Paragraph B in its entirety.  
Omit Sub-Paragraph C in its entirety.  
Omit Sub-Paragraph D in its entirety.  
Omit Sub-Paragraph E in its entirety.

Section 22 14 26 – RETROFIT ROOF DRAINS; add specification section in its entirety.

END OF SECTION

#### ATTACHMENTS

- 1) Section 22 14 26 – RETROFIT ROOF DRAINS
- 2) Document 00 40 00 – BID FORM

**SECTION 22 14 26  
RETROFIT ROOF DRAINS**

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Retrofit roof drains.

**1.2 RELATED REQUIREMENTS**

- A. Section 22 14 00 – Facility Storm Drainage.

**1.3 REFERENCE STANDARDS**

- A. Single Ply Roofing Industry (SPRI):
  - 1. ANSI/SPRI RD-1 – Performance Standard for Retrofit Drains.
- B. Underwriters' Laboratories of Canada (ULC):
  - 1. ULC/ORD-C790.4 – Roof Drains.

**1.4 SUBMITTALS**

- A. Comply with Section 01 33 00 – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including installation instructions.
- C. Shop Drawings: Submit manufacturer's shop drawings, including plans, elevations, sections, and details, indicating dimensions, materials, hardware, and installation layout including sizes and spacing.
- D. Samples: Submit manufacturer's sample of retrofit roof drains.
- E. Manufacturer's Certification: Submit manufacturer's certification that materials comply with specified requirements and are suitable for intended application.
- F. Warranty Documentation: Submit manufacturer's standard warranty.

**1.5 QUALITY ASSURANCE**

- A. Manufacturer's Qualifications: Manufacturer regularly engaged, for past 5 years, in manufacture of retrofit roof drains of similar type to that specified.

**1.6 DELIVERY, STORAGE, AND HANDLING**

- A. Delivery and Acceptance Requirements: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage and Handling Requirements:
  - 1. Store and handle materials in accordance with manufacturer's instructions.
  - 2. Keep materials in manufacturer's original, unopened containers and packaging until installation.
  - 3. Store materials in clean, dry area indoors.
  - 4. Protect materials during storage, handling, and installation to prevent damage.

**PART 2 PRODUCTS**

**2.1 MANUFACTURER**

- A. OMG, Inc., 153 Bowles Road, Agawam, Massachusetts 01001. 800-633-3800. Fax 413-821-0417. [www.olyfast.com](http://www.olyfast.com). [info@olyfast.com](mailto:info@olyfast.com).

## 2.2 RETROFIT ROOF DRAINS

- A. Retrofit Roof Drains: "Heavy Duty AlumaWeld® RetroDrain".
  - 1. Field verify size.
  - 2. Compliance:
    - a. ANSI/SPRI RD-1.
    - b. ULC/ORD-C790.4.
  - 3. Drain Body:
    - a. Material: 1-piece, 11-gauge (0.125-inch), spun aluminum.
    - b. Flange: 17-1/2-inch diameter.
    - c. Drain Stem Length: field verify length required.
    - d. Flange Includes: Three 1 1/2-inch-high strainer-retaining clips, plastisol coating to hot-air weld PVC membrane flashing.
    - e. Sump Area: Depressed.
  - 4. Strainer Dome:
    - a. Material: Cast aluminum.
    - b. Height: 7.25 inches.
    - c. Outside Base Diameter: 9.77 inches.
    - d. Inlet Area: 72 square inches.
  - 5. Backflow Seal:
    - a. Compression Seal: Watertight, "U-Flow" mechanical seal.
    - b. Material: Polyamide and EPDM rubber.
    - c. Required for Activation: "U-Flow" screwdriver.
  - 6. Hardware:
    - a. Fasteners: 3, push-in fasteners to attach strainer to retaining clips.

## 2.3 ACCESSORIES

- A. Screwdriver: "U-Flow".
  - 1. Shaft: 12-1/2 inches long.
  - 2. Socket Tip: #2 square.
  - 3. Reach base of drain stem to activate backflow seal.
- B. Flow Control: "FlowControl".
  - 1. Aluminum attachment to reduce flow capacity of retrofit roof drains to 10 gpm under 4-inch head of water, 7 gpm under 3-inch head of water, and 2 gpm under 2-inch head of water.
  - 2. Welded to flange by manufacturer.
- C. Alternative Strainer:
  - 1. Plastic: Molded copolymer polycarbonate polyethylene terephthalate (PC/PET).
    - a. Height: 4 inches.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Examine existing roof drains to receive retrofit roof drains.
- B. Notify Architect of conditions that would adversely affect installation or subsequent use.
- C. Do not begin installation until unacceptable conditions are corrected.

### 3.2 PREPARATION

- A. Remove clamping ring, strainer dome, and bolts from existing roof drain assembly and discard.
- B. Clean existing drain leader pipe of bitumen, dirt, and debris.

3.3 INSTALLATION

- A. Install retrofit roof drains in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install retrofit roof drains into existing drain leaders in accordance with manufacturer's instructions.
- C. Install flashing in accordance with membrane roofing manufacturer's instructions.
- D. Install retrofit roof drains to provide watertight connection to existing plumbing and membrane roofing systems.

3.4 PROTECTION

- A. Protect installed retrofit roof drains to ensure that, except for normal weathering, retrofit roof drains will be without damage or deterioration at time of Substantial Completion.

END OF SECTION

**DOCUMENT 00 40 00  
BID FORM**

for  
Milwaukee County Courthouse Complex  
SAFETY BUILDING  
PENTHOUSE AND LIGHT COURT PARAPET REPAIRS  
Site Number: 240  
Building Number: 30  
821 West State Street  
Milwaukee, Wisconsin 53233-1427

Project No. O114-11433

Bids Due: **August 22, 2012 at 2:00 PM**  
Contract 1: Penthouse and Light Court Parapet Repairs  
At the Office of: MILWAUKEE COUNTY CLERK  
Room 105 - Courthouse  
901 North 9th Street  
Milwaukee, Wisconsin 53233

We, \_\_\_\_\_  
(A Corporation) (A Partnership) (An Individual)-(Cross Out Inapplicable)

of \_\_\_\_\_  
Street

\_\_\_\_\_  
City State Zip Code

\_\_\_\_\_  
Telephone No. Fax Number email address

Hereby agree to execute contract and furnish a satisfactory surety bond in the amount specified to complete the above project in strict accordance with Contract Documents dated July 12, 2012.

CONTRACT 1: Penthouse and Light Court Parapet Repairs

Base Bid: The Work for the sum of:

\_\_\_\_\_  
(In words)

\_\_\_\_\_ Dollars \$ \_\_\_\_\_  
(In figures)

MISCELLANEOUS ALLOWANCE-1, (Add to Base Bid from Section 01 21 00)

\$ 27,500.00

**TOTAL BASE BID:** \_\_\_\_\_  
(In words)

\_\_\_\_\_ Dollars \$ \_\_\_\_\_  
(In figures)

**ALTERNATIVES**

Fill in Alternatives as listed. Where no changes in Base Bid occurs for Alternative, mark "No Change" or if "Add" to or "Deduct" from Base Bid occurs, cross out description that does not apply. See Section 01 23 00, of this project manual. If a Alternative is left blank it shall mean Contractor shall perform the Work without addition or deduction in the Contract Sum.

**ALTERNATE BID-A****Addition to Base Bid****General Description:**

At the East Penthouse provide a cost to remove existing stone parapet cap, add 3-courses of new brick to extend height of existing parapet 8-inches, provide new wood blocking, and a metal parapet cap around perimeter. Remove existing roofing, existing roof insulation, and flashing. Provide new roof system as specified and new flashing for the entire East Penthouse roof. Modify existing equipment supports and existing rooftop piping/supports as detailed for East Penthouse roof replacement.

At areas noted on exterior elevations (construction drawings) remove existing deteriorated outer wythe of face brick. Replace with new matching face brick and anchor as required.

At window openings where outer wythe of brick is to be replaced, provide new galvanized steel angle lintel, provide flashing, with weeps at 24-inches on-center as detailed. Where existing outer wythe of brick is not replaced, remove 3-courses of existing brick, provide new galvanized steel angle lintel, provide flashing, and replace 3-courses with new face brick with weeps at 24-inches on-center as detailed.

Tuck-point existing brick masonry joints, individually damaged existing brick to be removed and shall be replaced with a reclaimed brick. Provide new control joints as detailed. On the west elevation of the East Penthouse remove (4) existing window frames, infill openings (vertically 32-inches) with new brick to match existing, and new counter-flashing to match adjacent flashing. Provide new aluminum window frames and aluminum sills at these four locations.

**Alternate BID-A**


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(In words)

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**Dollars \$**

(In figures)

**ALTERNATE BID-B****Addition to Base Bid****General Description:**

At West Penthouse (west, north and east elevations) remove existing stone parapet and replace with metal parapet cap and flashing as detailed. At West Penthouse - Upper Elevator Penthouse, remove existing stone parapet cap and replace with metal parapet cap and flashing as detailed.

At existing window openings noted on construction drawings remove 3-courses of existing brick and existing lintel. Replace with a new galvanized steel angle lintel; provide flashing, new matching face brick with weeps at 24-inches on-center as detailed. Tuck-point existing brick masonry joints, individually damaged bricks shall be removed and replaced with new or reclaimed brick. Provide new control joints as detailed.

**Alternate BID-B**


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(In words)

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**Dollars \$**

(In figures)

**ALTERNATE BID-C**

Addition to Base Bid

General Description:

At the North Penthouse remove (5) five existing windows and replace with new aluminum window frames and aluminum sills.

At the South Penthouse remove (8) eight existing windows and replace with new aluminum window frames and aluminum sills.

**Alternate BID-C**

(In words)

**Dollars \$**

(In figures)

**ALTERNATE BID-D**

Addition to Base Bid

General Description:

At the East Penthouse remove (5) five existing windows and replace with new aluminum window frames and aluminum sills.

**Alternate BID-D**

(In words)

**Dollars \$**

(In figures)

**ALTERNATE BID-E**

Addition to Base Bid

General Description:

At the West Penthouse remove (1) one existing window and replace with a new aluminum window frame and aluminum sill. At the West Penthouse remove (1) one existing door & frame. Replace with a new hollow metal frame, insulated hollow metal door, and door hardware.

**Alternate BID-E**

(In words)

**Dollars \$**

(In figures)

**ALTERNATE BID-F**

Addition to Base Bid

General Description:

At the North Penthouse (East side) remove existing roofing, insulation, existing flashing, install new adhered tapered poly-isocyanurate roof insulation pitched to existing roof drain location, fully adhere cover-board, install new modified bituminous membrane roofing and new metal flashings as detailed. Remove existing roof drain and install new roof drain as detailed.

**Alternate BID-F**

(In words)

**Dollars \$**

(In figures)

SUBSTITUTION OF MATERIALS

For use by Bidders at their option the following substitutions from specifically named materials or items.

MANUFACTURER'S NAME	MATERIAL	ADD/DEDUCT
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

ADDENDUM RECEIPT

We acknowledge the receipt of Addendum \_\_\_\_\_ to \_\_\_\_\_ inclusive.

SCHEDULE OF VALUES SUBMITTAL

We acknowledge including an informational only Schedule of Values per requirements specified in Section 01 20 00, PRICE AND PAYMENT PROCEDURES.

\_\_\_\_\_  
(Signature of Authorized Representative)

BID SECURITY ACCOMPANYING PROPOSAL

**NOTE! See Instructions to Bidders - Article 9, Bid Security, subparagraph 9.1.1, filing original bid bond.**

The amount and type of bid security is as follows:

COMMENCEMENT AND COMPLETION OF CONTRACT WORK

The undersigned agrees, if signatory to the Contract, to commence work upon receipt of Notice to Proceed and achieve Substantial Completion of the Work (Base Bid) by within 120 calendar days after beginning the on site construction Work.

**NOTE! See Document 00800 - Supplementary Conditions – 8.2.3, for Liquidated Damages associated with the contract work.**

BIDDER'S CERTIFICATE - Section 66.0901(7), Wisconsin Statutes

\_\_\_\_\_ certifies that they have examined and carefully prepared this bid from Bid Documents and have checked same in detail before submitting bid to Milwaukee County.

In submitting this bid, the bidder also acknowledges, understands and agrees that the submission of a bid shall commit the bidder to comply with Milwaukee County's requirements as outlined in the Contractor Residency Program provisions. The bidder also agrees to comply with the specific requirements as follows:



The bidder's commitment for the Contractor Residency Program Participation on this project is 50%.

\_\_\_\_\_  
(Signature of Authorized Representative)

\_\_\_\_\_  
(Title)

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

My commission expires \_\_\_\_\_, 201\_\_\_\_.

\_\_\_\_\_  
(Notary Public)

### **SCHEDULE OF PRICES**

Note: Bidder must state prices in words and figures.

Unit prices are for contract purposes only. Unit cost provided shall determine payment (add or deduct from contract amount, base bid and/or approved alternate bids).

#### **UNIT PRICE WRITTEN IN WORDS**

Removal and disposal of outer wythe of existing brick. Replacement  
With new face brick and wall ties per Section 04 20 00, Unit Masonry.

\_\_\_\_\_  
(Cost per square foot)

#### **UNIT PRICE IN FIGURES**

\_\_\_\_\_  
(Cost per square foot)

#### **UNIT PRICE WRITTEN IN WORDS**

Tuck-Pointing of existing face brick masonry. Approximately 50 to 60  
% (percent) of joints per Section 04 01 00, Maintenance of Masonry.

\_\_\_\_\_  
(Cost per square foot)

#### **UNIT PRICE IN FIGURES**

\_\_\_\_\_  
(Cost per square foot)

#### **UNIT PRICE WRITTEN IN WORDS**

Tuck-Pointing of existing face brick masonry. Approximately 70 to 80  
% (percent) of joints per Section 04 01 00, Maintenance of Masonry.

\_\_\_\_\_  
(Cost per square foot)

#### **UNIT PRICE IN FIGURES**

\_\_\_\_\_  
(Cost per square foot)

#### **UNIT PRICE WRITTEN IN WORDS**

Removal and salvage of existing cut stone parapet cap.  
Removal and disposal of existing deteriorated brick parapet.  
Provide new brick parapet, wood blocking, flashing, and metal parapet  
cap per Section 04 20 00, Unit Masonry; Section 07 71 00,  
Roof Specialties.

\_\_\_\_\_  
(Cost per lineal foot)

#### **UNIT PRICE IN FIGURES**

\_\_\_\_\_  
(Cost) per lineal foot)

**AFFIDAVIT**

State of \_\_\_\_\_

County of \_\_\_\_\_

\_\_\_\_\_ being duly sworn, deposes and states that  
(Name)

they are the \_\_\_\_\_ of  
(Official Capacity)

\_\_\_\_\_  
(Name of Firm)

and that Contractors Qualification Statement filed with County Clerk on \_\_\_\_\_  
for said firm remains true and correct. I understand that the willful falsification of information may  
result in a civil or criminal penalty pursuant to Chapter 101 Statutes.

\_\_\_\_\_  
(Signature and Title)

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_,  
2012.

My commission expires \_\_\_\_\_, 201\_\_\_\_.

\_\_\_\_\_  
(Notary Public)

If a qualification statement has been filed more than 3 years before the opening of this bid, submit a  
new qualification statement not less than five days before the opening of this bid.